

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A stack, to be used in a fuel cell or electrolyzer, comprising:
 - a collector layer, said collector layer being a metal foil or metal plate,
 - at least one anchoring layer, said anchoring layer comprising metal fibers, said anchoring layer having a thickness of less than 0.5 mm,
 - at least one diffusion layer, said diffusion layer being a metal mesh or expanded metal sheet or a sheet of foamed metal,
 - wherein said anchoring layer is provided between said collector layer and said diffusion layer,
 - wherein said collector layer, anchoring layer and diffusion layer are sintered to each other, and
 - at least one contact layer sintered to a side of said diffusion layer which is not connected to said anchoring layer,
 - wherein said contact layer comprises metal fibers,
 - wherein the at least one diffusion layer is a metal mesh, wherein the metal mesh comprises woven, knitted, or braided metal wires.
2. (Previously Presented) A stack, to be used in a fuel cell or electrolyzer as in claim 1, comprising two diffusion layers and two anchoring layers,
 - wherein a first of said diffusion layers is present at one side of said collector layer,
 - wherein a second of said diffusion layers is present at another side of said collector layer, said anchoring layers being present between said collector layer and said first and second diffusion layers.
3. (Previously Presented) A stack, to be used in a fuel cell or electrolyzer as in claim 1, said anchoring layer having a weight of less than 350 g/m².
4. (Previously Presented) A stack, to be used in a fuel cell or electrolyzer as in claim 1, said anchoring layer having a porosity of more than 60%, said porosity being less than 98%.

5. (Previously Presented) A stack, to be used in a fuel cell or electrolyzer as in claim 1, said diffusion layer having an open area of more than 30%.
6. (Previously Presented) A stack, to be used in a fuel cell or electrolyzer as in claim 1, said diffusion layer having a thickness of more than 1 mm.
7. (Currently Amended) A stack, to be used in a fuel cell or electrolyzer as in claim 1, ~~said diffusion layer comprising a metal mesh~~, said metal mesh comprising metal wires having a diameter of more than 0.5 mm.
8. (Previously Presented) A stack, to be used in a fuel cell or electrolyzer as in claim 1, said diffusion layer comprising an expanded metal sheet, said expanded metal sheet having a thickness of less than 1.2 mm.
9. (Previously Presented) A stack, to be used in a fuel cell or electrolyzer as in claim 1, said metal fibers of said anchoring layer having an equivalent diameter of more than 2 μm .
10. (Canceled)
11. (Previously Presented) A stack, to be used in a fuel cell or electrolyzer as in claim 1, said metal fibers of said contact layer having an equivalent diameter of less than 30 μm .
12. (Previously Presented) A stack, to be used in a fuel cell or electrolyzer as in claim 1, said contact layer having a thickness of less than 0.2 mm.
13. (Previously Presented) A stack, to be used in a fuel cell or electrolyzer as in claim 1, said contact layer having a perpendicular air permeability of less than 200 l/min*dm².
14. (Previously Presented) A stack, to be used in a fuel cell or electrolyzer as in claim 1, said stack having a planar air permeability of more than 0.02 l/min*cm.
15. (Previously Presented) A stack, to be used in a fuel cell or electrolyzer as in claim 1, said metal fibers of said anchoring layer being stainless steel fibers.

16. (Previously Presented) A stack, to be used in a fuel cell or electrolyzer as in claim 1, said metal fibers of said anchoring layer being Ni-fibers or Ni-alloy fibers.
17. (Previously Presented) A stack, to be used in a fuel cell or electrolyzer as in claim 1, said metal fibers of said anchoring layer being Ti-fibers.
18. (Previously Presented) A stack, to be used in a fuel cell or electrolyzer as in claim 1, said collector layer, said diffusion layer and said anchoring layer being provided out of the same metal or metal alloy.
19. (Previously Presented) A stack, to be used in a fuel cell or electrolyzer as in claim 1, wherein all of said layers comprise the same metal or metal alloy.
20. (Previously Presented) A fuel cell, comprising at least one stack as in claim 1.
21. (Previously Presented) An electrolyser, comprising at least one stack as in claim 1.
22. (Canceled)
23. (New) A stack, to be used in a fuel cell or electrolyzer as in claim 1, wherein the wires have a diameter of 0.5 mm to 1 mm.